



Food and Drug Administration
10903 New Hampshire Avenue
Silver Spring, MD 20993

TREK Diagnostic Systems
c/o Cynthia C. Knapp
Director of U.S. Regulatory and Global Affairs
982 Keynote Circle, Suite 6
Cleveland, OH 44131

APR 27 2011

Re: K110331

Trade/Device Name: Sensititre AIM™
Regulation Number: 21 CFR 866.1640
Regulation Name: Antimicrobial Susceptibility Test Powder
Regulatory Class: Class II
Product Code: LIE, JWY, LRG
Dated: January 27, 2011
Received: February 9, 2011

Dear Ms. Knapp:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into class II (Special Controls), it may be subject to such additional controls. Existing major regulations affecting your device can be found in Title 21, Code of Federal Regulations (CFR), Parts 800 to 895. In addition, FDA may publish further announcements concerning your device in the Federal Register.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Parts 801 and 809); medical device reporting (reporting of medical device-related adverse events) (21 CFR 803); and good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820). This letter will allow you to begin marketing your device as described in your Section 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed

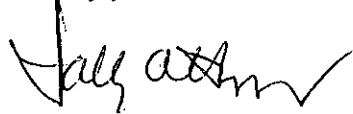
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predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Parts 801 and 809), please contact the Office of *In Vitro* Diagnostic Device Evaluation and Safety at (301) 796-5450. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21 CFR Part 807.97). For questions regarding the reporting of adverse events under the MDR regulation (21 CFR Part 803), please go to <http://www.fda.gov/MedicalDevices/Safety/ReportaProblem/default.htm> for the CDRH's Office of Surveillance and Biometrics/Division of Postmarket Surveillance.

You may obtain other general information on your responsibilities under the Act from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 796-7100 or at its Internet address <http://www.fda.gov/cdrh/industry/support/index.html>.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Sally A. Hojvat", with a checkmark at the end.

Sally A. Hojvat, M.Sc., Ph.D.
Director,
Division of Microbiology Devices
Office of *In Vitro* Diagnostic Device
Evaluation and Safety
Center for Devices and Radiological Health

Enclosure

INDICATIONS FOR USE STATEMENT
Sensititre® AIM™

510(k) Number: K 110331

Device Name:

The Sensititre® AIM™

Indications for Use:

The Sensititre® AIM™ is intended for use with the Sensititre® MIC or BP Susceptibility Test System. The Sensititre® AIM™ is an instrument used to inoculate Sensititre® MIC or BP Susceptibility plates.

The Sensititre MIC or Breakpoint Susceptibility System is an *in vitro* diagnostic product for clinical susceptibility testing of non fastidious gram negative organisms.

NOTE: Please refer to the Sensititre ® 18-24 hour MIC or Breakpoint Susceptibility System package insert or operator's manual for additional instructions, limitations and references.

This 510(k) is for the addition of: "AIM™"

The Sensititre AIM™ is a microprocessor controlled instrument that delivers inoculum in 50µl multiples to the Sensititre 96 well micro-titre plate. The user prepares the inoculum suspension in accordance with the package insert. A Sensititre disposable dosehead is affixed to the glass tube containing the final inoculum density which is placed into the AIM's pump assembly. The inoculum is then dispensed into the microtitre plates.

Prescription Use X

AND/OR

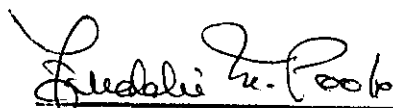
Over-The-Counter Use

(Part 21 CFR 801 Subpart D)

(21 CFR 807 Subpart C)

(PLEASE DO NOT WRITE BELOW THIS LINE-CONTINUE ON ANOTHER PAGE IF NEEDED)

Concurrence of CDRH, Office of In Vitro Diagnostic Devices (OIVD)



Division Sign-Off

**Office of In Vitro Diagnostic Device
Evaluation and Safety**

510(k) K 110 331